

06/26/2005 10731498.trn

1st net

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 28 PATDPAFULL - New display fields provide for legal status
data from INPADOC
NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 10 MAR 22 PATDPASPC - New patent database available
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new
fields
NEWS 13 APR 04 EMBASE - Database reloaded and enhanced
NEWS 14 APR 18 New CAS Information Use Policies available online
NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/CAPLUS and USPATFULL/USPAT2.
may be affected by a change in filing date for U.S.
applications.
NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/CAPLUS
NEWS 17 MAY 23 GBFULL enhanced with patent drawing images
NEWS 18 MAY 23 REGISTRY has been enhanced with source information from
CHEMCATS
NEWS 19 JUN 06 STN Patent Forums to be held in June 2005
NEWS 20 JUN 06 The Analysis Edition of STN Express with Discover!
(Version 8.0 for Windows) now available
NEWS 21 JUN 13 RUSSIAPAT: New full-text patent database on STN
NEWS 22 JUN 13 FRFULL enhanced with patent drawing images
NEWS 23 JUN 20 MEDICONF to be removed from STN

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:21:28 ON 26 JUN 2005

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:21:58 ON 26 JUN 2005

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 JUN 2005 HIGHEST RN 852980-90-6

DICTIONARY FILE UPDATES: 24 JUN 2005 HIGHEST RN 852980-90-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

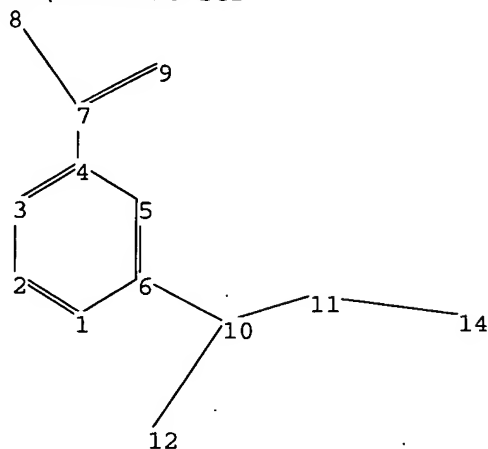
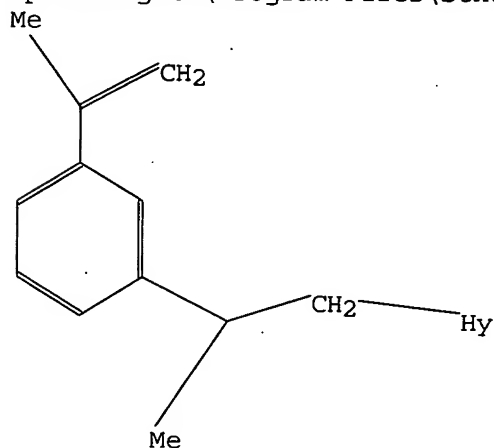
Experimental and calculated property data are now available. For more

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information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10731498.str



chain nodes :

7 8 9 10 11 12 14

ring nodes :

1 2 3 4 5 6

chain bonds :

4-7 6-10 7-8 7-9 10-11 10-12 11-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

11-14

exact bonds :

4-7 6-10 7-8 7-9 10-11 10-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS

11:CLASS 12:CLASS 14:Atom

Element Count :

Node 14: Limited

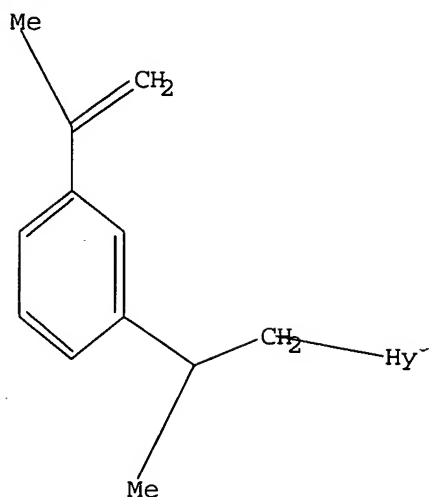
N,N0

L1 .. STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 09:22:11 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 355 TO ITERATE

100.0% PROCESSED 355 ITERATIONS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5970 TO 8230
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 09:22:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7354 TO ITERATE

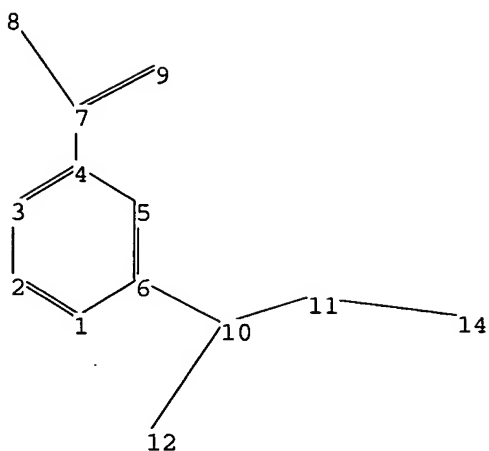
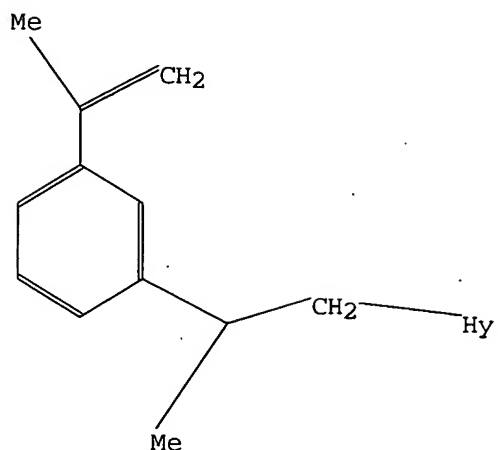
100.0% PROCESSED 7354 ITERATIONS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10731498a.str

0 ANSWERS

0 ANSWERS



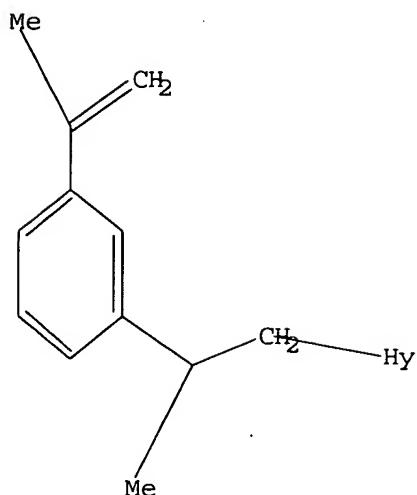
chain nodes :
 7 8 9 10 11 12 14
 ring nodes :
 1 2 3 4 5 6
 chain bonds :
 4-7 6-10 7-8 7-9 10-11 10-12 11-14
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 exact/norm bonds :
 11-14
 exact bonds :
 4-7 6-10 7-8 7-9 10-11 10-12
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 isolated ring systems :
 containing 1 :

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 12:CLASS 14:Atom
 Generic attributes :
 14:
 Number of Hetero Atoms : less than 2

Element Count :
 Node 14: Limited
 N,N0

L4 STRUCTURE UPLOADED

=> d 14
 L4 HAS NO ANSWERS
 L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 09:24:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 355 TO ITERATE

100.0% PROCESSED 355 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5970 TO 8230
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l4 sss full

FULL SEARCH INITIATED 09:24:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7354 TO ITERATE

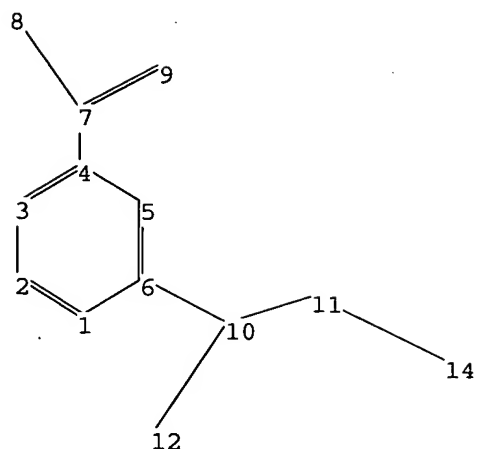
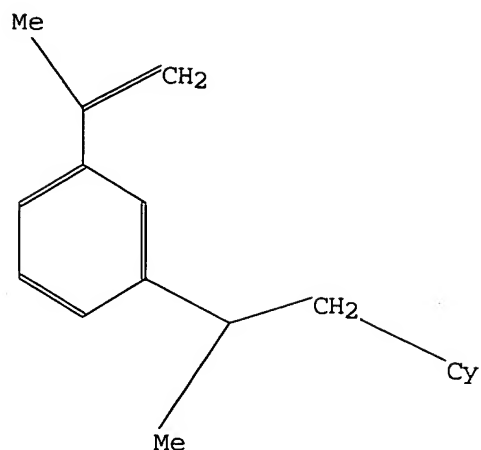
100.0% PROCESSED 7354 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L6 0 SEA SSS FUL L4

=>

Uploading C:\Program Files\Stnexp\Queries\10731498b.str



```

chain nodes :
7 8 9 10 11 12 14
ring nodes :
1 2 3 4 5 6
chain bonds :
4-7 6-10 7-8 7-9 10-11 10-12 11-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
11-14
exact bonds :
4-7 6-10 7-8 7-9 10-11 10-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 14:Atom

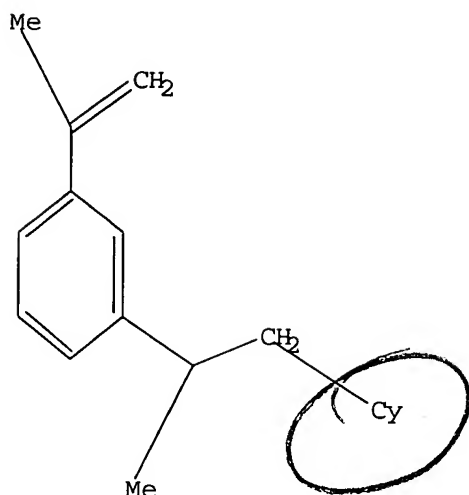
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L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 17

SAMPLE SEARCH INITIATED 09:25:52 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 355 TO ITERATE

100.0% PROCESSED 355 ITERATIONS
SEARCH TIME: 00.00.01

2 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 5970 TO 8230
PROJECTED ANSWERS: 2 TO 124

L8 2 SEA SSS SAM L7

=> s 17 sss full

FULL SEARCH INITIATED 09:25:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7354 TO ITERATE

100.0% PROCESSED 7354 ITERATIONS
SEARCH TIME: 00.00.01

9 ANSWERS

L9 9 SEA SSS FUL L7

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
485.71	485.92

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 09:26:03 ON 26 JUN 2005
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FILE COVERS 1907 - 26 Jun 2005 VOL 143 ISS 1
FILE LAST UPDATED: 24 Jun 2005 (20050624/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 19

L10

7 L9

=> d 110 ibib abs hitstr tot

L10 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:269900 CAPLUS

DOCUMENT NUMBER: 140:305217

TITLE: Functionalized styrene monomers for synthesis of rubbery polymers

INVENTOR(S): Halasa, Adel Farhan; Hsu, Wen-Liang

PATENT ASSIGNEE(S): The Goodyear Tire and Rubber Co., USA

SOURCE: U.S. Pat. Appl. Publ., 29 pp., Cont.-in-part of U.S. 6,693,160.

CODEN: USXXCO

DOCUMENT TYPE: Patent

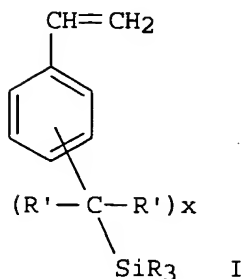
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004063884	A1	20040401	US 2003-661914	20030912
US 6825306	B2	20041130		
US 6693160	B1	20040217	US 2003-384020	20030307
US 2004122224	A1	20040624	US 2003-731498	20031209
US 2004122194	A1	20040624	US 2003-731782	20031209
US 2005049377	A1	20050303	US 2004-894562	20040720
US 2005006014	A1	20050113	US 2004-916385	20040810
US 6901982	B2	20050607		
US 2005131181	A1	20050616	US 2005-43589	20050126
PRIORITY APPLN. INFO.:			US 2002-404081P	P 20020816
			US 2002-434892P	P 20021219
			US 2003-384020	A2 20030307
			US 2003-389131	A3 20030314
			US 2003-624188	A2 20030722
			US 2003-661914	A3 20030912

GI



AB The present invention relates to a rubbery polymer which is comprised of repeat units that are derived from (1) at least one conjugated diolefin monomer, and (2) at least one functionalized monomer I, wherein the R' groups in repeat units and in different repeat units can be the same or different and represent hydrogen atoms or alkyl groups containing from 1 to about 4 carbon atoms, wherein x represents an integer from 1 to about 10, and wherein the R groups in repeat units and in different repeat units can be the same or different and represent alkyl groups containing from 1 to about 10 carbon atoms or alkoxy groups containing from 1 to about 10 carbon atoms. Alternatively, the functionalized monomers can contain cyclic amine functional groups. (3/4)-(2-Pyrrolidinoethyl)styrene was prepared from divinylbenzene and pyrrolidone and polymerized with styrene and butadiene to give a rubber.

IT **676316-18-0P**

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(rubber; functionalized styrene monomers for synthesis of rubbery polymers)

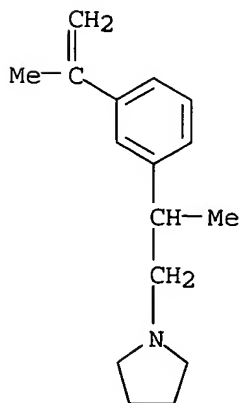
RN 676316-18-0 CAPLUS

CN Pyrrolidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]-, polymer with 1,3-butadiene and ethenylbenzene (9CI) (CA INDEX NAME)

CM 1

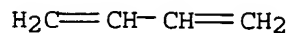
CRN 174572-10-2

CMF C16 H23 N



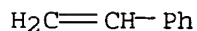
CM 2

CRN 106-99-0
CMF C4 H6



CM 3

CRN 100-42-5
CMF C8 H8



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:171903 CAPLUS

DOCUMENT NUMBER: 124:204665

TITLE: Elastomers and products having reduced hysteresis and their preparation

INVENTOR(S): Hall, James E.; Lawson, David F.; Antkowiak, Thomas A.

PATENT ASSIGNEE(S): Bridgestone Corp., Japan

SOURCE: Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 693505	A1	19960124	EP 1995-110835	19950711
EP 693505	B1	19990506		
R: DE, ES, FR, GB, IT				
ES 2132467	T3	19990816	ES 1995-110835	19950711
JP 08048707	A2	19960220	JP 1995-200556	19950713
CA 2153946	AA	19960119	CA 1995-2153946	19950714

PRIORITY APPLN. INFO.: US 1994-276362 A 19940718

AB A process for title rubbers involves polymerizing 30-100% dienes and 0-70% vinyl aromatic compds. in aprotic solvents in the presence of anionic initiators prepared by reacting organic Li compds. with precursor functionalizing agents which are reaction product of heterocyclic secondary amines and diisopropenylbenzene derivs. A block SBR was prepared in the presence of 5.5 m-mol BuLi and 5.5 m-mol 2-(1-hexamethyleneimino)propyl-3-isopropenylbenzene (I; from hexamethyleneimine and diisopropenylbenzene) and was compounded and vulcanized to form a product with $\tan\delta$ of 0.108 at 50°, vs. 0.179 for a block SBR prepared without the I.

IT 57236-00-7P 174572-09-9P 174572-10-2P

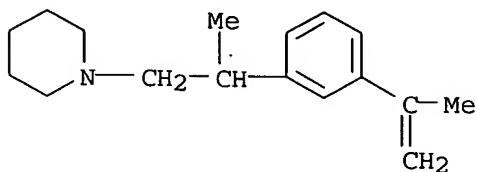
RL: CAT (Catalyst use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)

(organic lithium compds. and diisopropenylbenzene/secondary cyclic amine products as initiators for preparation of diene rubbers with low hysteresis)

06/26/2005 10731498.trn

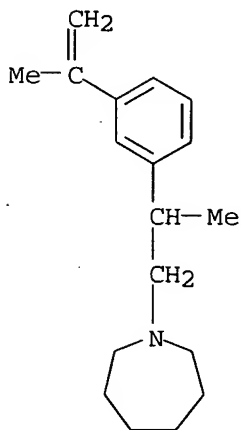
RN 57236-00-7 CAPLUS

CN Piperidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



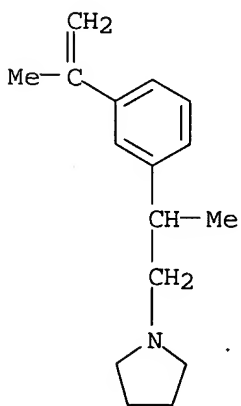
RN 174572-09-9 CAPLUS

CN 1H-Azepine, hexahydro-1-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



RN 174572-10-2 CAPLUS

CN Pyrrolidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



L10 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1981:104722 CAPLUS

DOCUMENT NUMBER: 94:104722
 TITLE: Solvent composition for polychloroprene rubber in the production of an adhesive
 INVENTOR(S): Ovanesov, G. T.; Malkhasyan, A. Ts.; Petrosyan, L. I.; Sarkisyan, Z. G.; Sukiasyan, G. G.; Mirakyan, S. M.
 PATENT ASSIGNEE(S): All-Union Scientific-Research and Design Institute of Polymeric Products, USSR; "Nairit" Scientific Industrial Enterprises
 SOURCE: U.S.S.R. From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1980, (38), 144.
 CODEN: URXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Russian
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

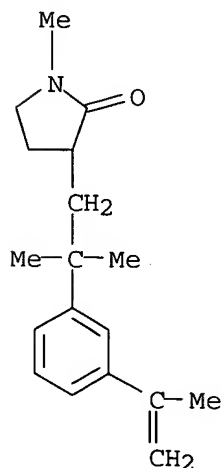
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SU 771124	T	19801015	SU 1978-2676764	19781023
PRIORITY APPLN. INFO.:			SU 1978-2676764	A 19781023

AB The production time and viscosity are decreased for the title adhesive by addition of 0.1-0.7% 1-methyl-3-[2-methyl-2-(3-isopropenylphenyl)ethyl]-2-pyrrolidinone [76663-38-2] to the title solvent composition containing 39.7-59.9% EtOAc [141-78-6] and 40.0-59.6 % ligroine.

IT **76663-38-2**
 RL: USES (Uses)
 (solvent compns. containing, for neoprene rubber adhesives)

RN 76663-38-2 CAPLUS

CN 2-Pyrrolidinone, 1-methyl-3-[2-methyl-2-[3-(1-methylethenyl)phenyl]propyl]-(9CI) (CA INDEX NAME)



L10 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

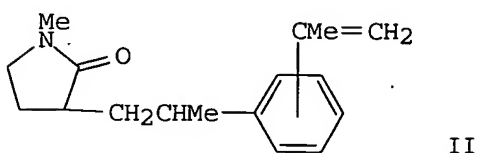
ACCESSION NUMBER: 1977:5252 CAPLUS

DOCUMENT NUMBER: 86:5252

TITLE: Alkylation of N,N-diethylacetamide and N-methylpyrrolidinone with m- and p-diisopropenylbenzenes

AUTHOR(S): Malkhasyan, A. Ts.; Sukiasyan, G. G.; Martirosyan, G. T.

CORPORATE SOURCE: Vses. Nauchno-Issled. Proektn. Inst. Polim. Prod.,
Yerevan, USSR
SOURCE: Armyanskii Khimicheskii Zhurnal (1976), 29(6), 537-8
CODEN: AYKZAN; ISSN: 0515-9628
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 86:5252
GI

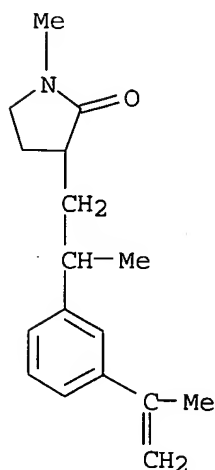


AB The title alkylation of AcNEt₂ (I) in the presence of Na gave Et₂NCOCH₂CH₂CHMeC₆H₄CMe:CH₂ (m- or p-); m- or p-II were obtained by the similar alkylation of N-methylpyrrolidinone (III). P-C₆H₄(CMe:CH₂)₂ was a better alkylating agent than the meta isomer and III was alkylated easier than I. Reaction of I and III with m- or p-II gave the dialkylated products.

IT **61123-36-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 61123-36-2 CAPLUS

CN 2-Pyrrolidinone, 1-methyl-3-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI)
(CA INDEX NAME)



L10 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1976:559547 CAPLUS

DOCUMENT NUMBER: 85:159547

TITLE: Reaction of m- and p-diisopropenylbenzenes with
N-alkylimines

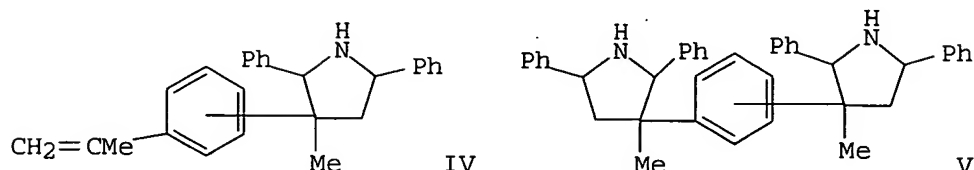
AUTHOR(S): Asratyan, L. V.; Malkhasyan, A. Ts.; Martirosyan, G.
T.

CORPORATE SOURCE: Vses. Nauchno-Issled. Proektn. Inst. Polim. Prod.,

06/26/2005

10731498.trn

Yerevan, USSR
 SOURCE: Armyanskii Khimicheskii Zhurnal (1976), 29(4), 318-22
 CODEN: AYKZAN; ISSN: 0515-9628
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 85:159547
 GI



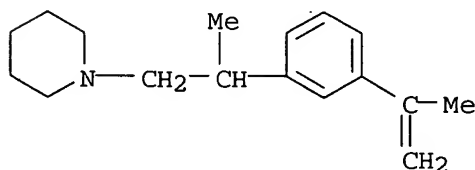
AB Reaction of m- and p-(CH₂:CMe)2C₆H₄ (p-I) with Me₂CHCH:NR (R = cyclohexyl) in the presence of Na gave a mixture of H₂C:CMeC₆H₄CHMeCH₂CMe₂CH:NR (II) and (RN:CHCMe₂CH₂CHMe)2C₆H₄ (III), the amount of each being determined by the reaction conditions. Reaction of I with PhCH:NCH₂Ph in the presence of Na gave a mixture of IV and V. Acid hydrolysis of II and III gave the corresponding aldehydes.

IT 57236-00-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 57236-00-7 CAPLUS

CN Piperidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



L10 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1976:16882 CAPLUS

DOCUMENT NUMBER: 84:16882

TITLE: Amination and imination of m- and p-(β-dialkylaminoisopropyl)-α-methylstyrenes

AUTHOR(S): Asratyan, L. V.; Malkhasyan, A. Ts.; Kazaryan, A. Ts.; Martirosyan, G. T.

CORPORATE SOURCE: Vses. Nauchno-Issled. Proektn. Inst. Polim. Prod., Yerevan, USSR

SOURCE: Armyanskii Khimicheskii Zhurnal (1975), 28(8), 628-32
 CODEN: AYKZAN; ISSN: 0515-9628

DOCUMENT TYPE: Journal

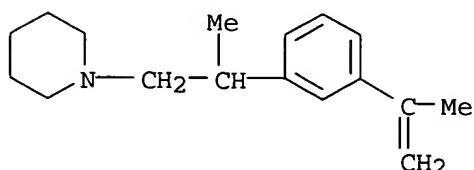
LANGUAGE: Russian

OTHER SOURCE(S): CASREACT 84:16882

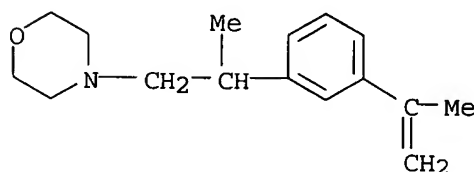
AB Reaction of 6 m- or p-R₂NCH₂CHMeC₆H₄CMe:CH₂ (I; R = Et, R₂N = morpholino, piperidino) with R₁2NH (R₁ = Me, R₁2N = piperidino) in the presence of Na gave 71.9-87.4% m- or p-R₂NCH₂CHMeC₆H₄CHMeCH₂NR₁2. Reaction of I (R = Et, R₂N = morpholino) with Me₂CHCH:NR₂ (R₂ = cyclohexyl) in the presence of Na

gave R2NCH2CHMeC6H4CHMeCH2CMe2CH:NR2, which was hydrolyzed to give R2NCH2CHMeC6H4CHMeCH2CMe2CHO.

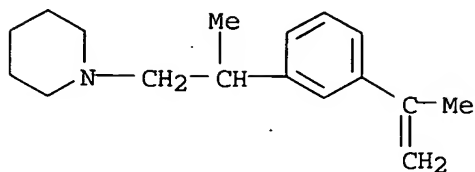
IT 57236-00-7 57236-04-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with secondary amines)
 RN 57236-00-7 CAPLUS
 CN Piperidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



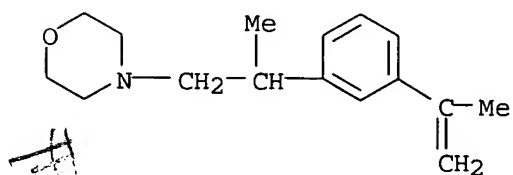
RN 57236-04-1 CAPLUS
 CN Morpholine, 4-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



L10 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1975:592701 CAPLUS
 DOCUMENT NUMBER: 83:192701
 TITLE: Amination of m- and p-diisopropenylbenzenes by secondary amines
 AUTHOR(S): Asratyan, L. V.; Grigoryan, E. A.; Malkhasyan, A. Ts.; Martirosyan, G. T.
 CORPORATE SOURCE: Vses. Nauchno-Issled. Inst. Polim. Prod., Yerevan, USSR
 SOURCE: Armyanskii Khimicheskii Zhurnal (1975), 28(7), 551-4
 CODEN: AYKZAN; ISSN: 0515-9628
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 83:192701
 AB Amination of m- and p-H2C:CMeC6H4CMe:CH2 with R2NH[R2 = Me2, Et2, (CH2)5, (CH2)2O(CH2)2] gave m-, and p-H2C:CMeC6H4CHMeCH2NR2 or m-, and p-C6H4(CHMeCH2NR2)2; reaction conditions determined whether mono- or diamines were obtained.
 IT 57236-00-7P 57236-04-1P 57236-14-3P
 57236-18-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 57236-00-7 CAPLUS
 CN Piperidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



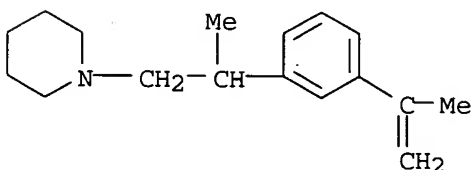
RN 57236-04-1 CAPLUS
 CN Morpholine, 4-[2-[3-(1-methylethenyl)phenyl]propyl]- (9CI) (CA INDEX NAME)



RN 57236-14-3 CAPLUS
 CN Piperidine, 1-[2-[3-(1-methylethenyl)phenyl]propyl]-, compd. with 2,4,6-trinitrophenol (9CI) (CA INDEX NAME)

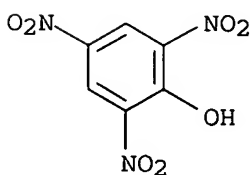
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 CMF C17 H25 N



CM 2

CRN 88-89-1
 CMF C6 H3 N3 O7

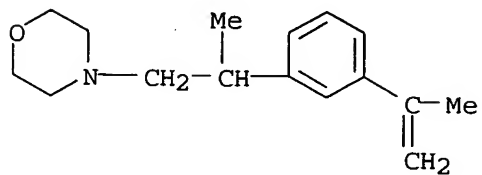


RN 57236-18-7 CAPLUS
 CN Morpholine, 4-[2-[3-(1-methylethenyl)phenyl]propyl]-, compd. with 2,4,6-trinitrophenol (9CI) (CA INDEX NAME)

CM 1

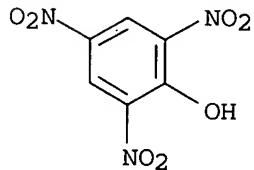
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CRN 57236-04-1
CMF C16 H23 N O



CM 2

CRN 88-89-1
CMF C6 H3 N3 O7



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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
35.48	521.40

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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